

Table 2.5-4
Summary of Waterbodies Crossed by the Pipeline Facilities within the Delaware River Basin¹

Facility	Perennial Waterbody Crossing	Intermittent Waterbody Crossing	Ephemeral Waterbody Crossing ⁴	Open Water ²	Total
Pennsylvania					
PennEast Mainline ³	69	31	22	2	123
Hellertown Lateral	1	0	0	0	1
New Jersey					
PennEast Mainline	67	5	7	2	81
Gilbert Lateral	0	0	0	0	0
Lambertville Lateral	0	0	0	0	0
Project Total	137	36	29	4	206

¹Waterbody type for non-surveyed waterbodies was determined using NHD data

²Open water consists of waterbody (ponds, lakes, and rivers) over 100 feet wide or crossings greater than 100 feet wide.

³The Kidder Compressor Station is included in the PennEast Mainline Facility totals.

⁴Ditches identified within the Project Area were included as ephemeral waterbody crossings.

For delineated streams, perennial/intermittent/ephemeral determinations were made based on channel definition, i.e., having a defined bed and bank per PA Code Chapter 93 (PA Code, 2014), and, as directed by PADEP (Mackowski, personal comm. 2012), by determination of stream flow using geomorphic, hydrological and biological indicators, utilizing the North Carolina Division of Water Quality (2005) identification methods as guidelines. For NHD waterbodies, perennial/ intermittent/ ephemeral designations were assigned in the NHD data layer. Note, due to state boundary lines the Delaware River is noted on both Table 2A-1 and Table 2A-2; it is counted once in PA on Table 2.3.2 for clarity purposes.